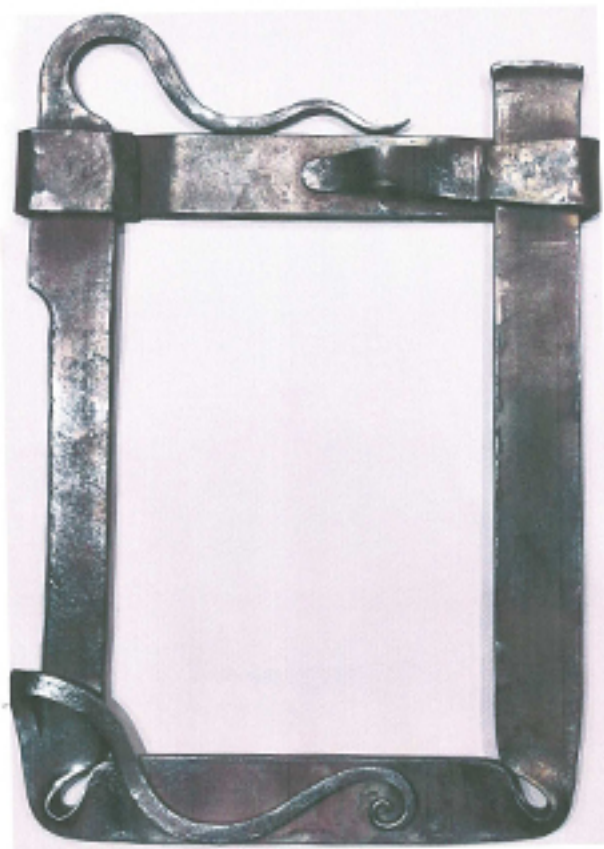
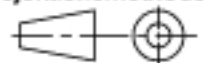


# Übungszeichnung Schmiedetechnik Bundeslehrlingswettbewerb 2023 Mureck

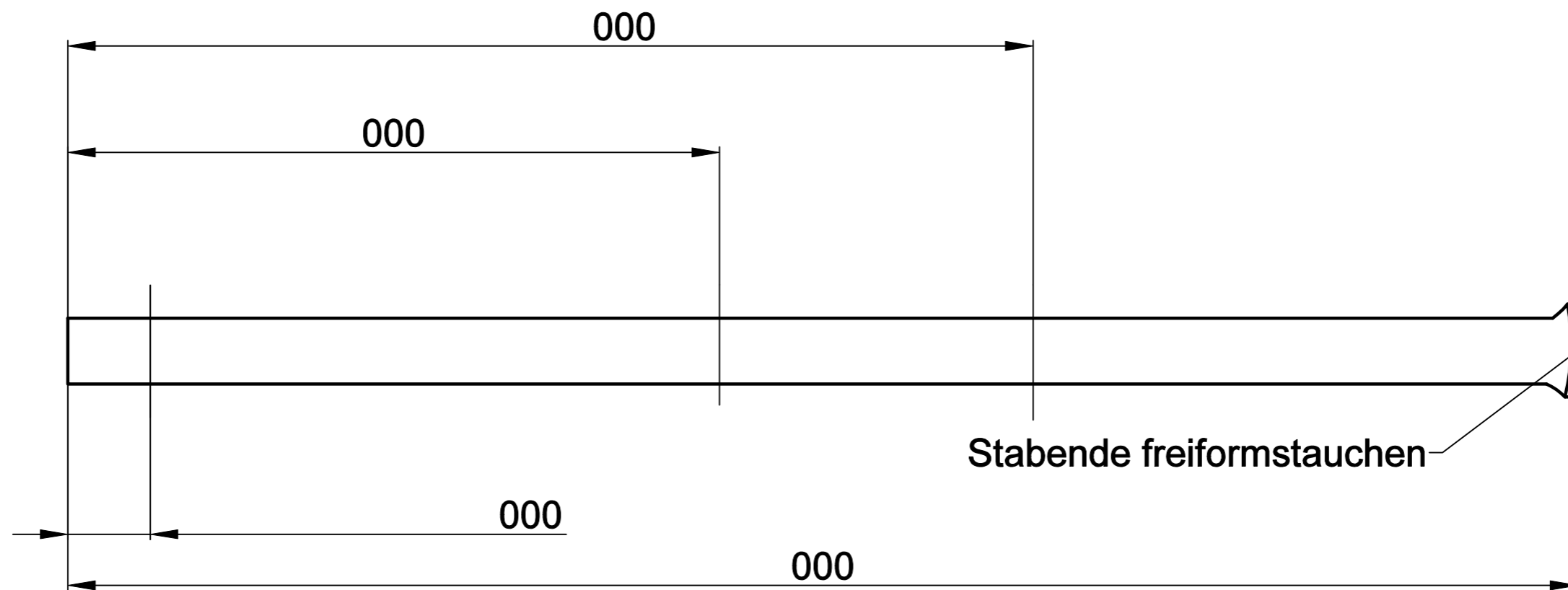
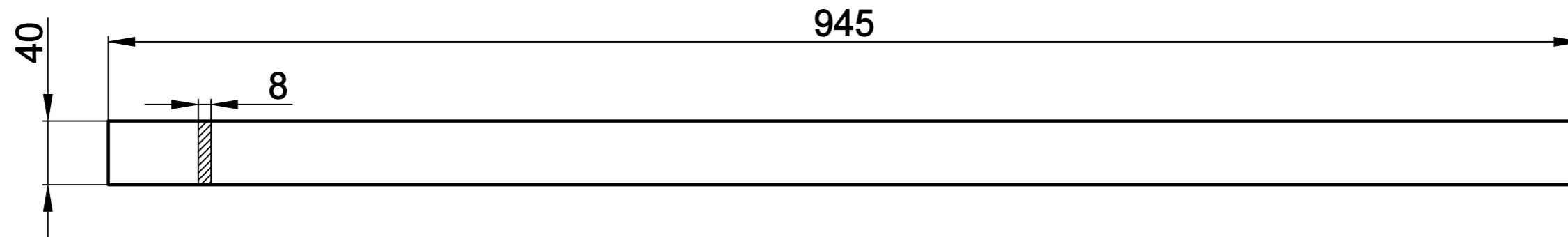


M1:x

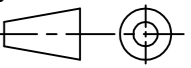
Projektionsmethode 1

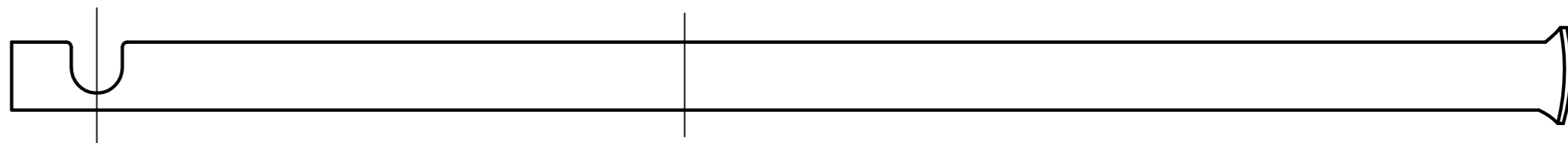


Freiformschmiedetol.  
 $\pm 2 \text{ mm}$



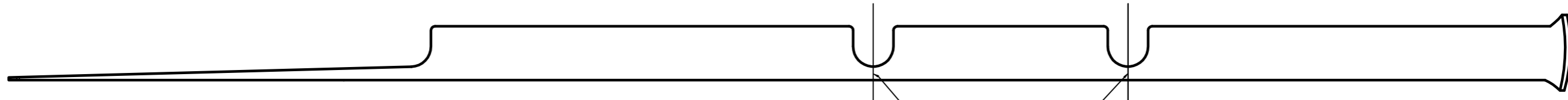
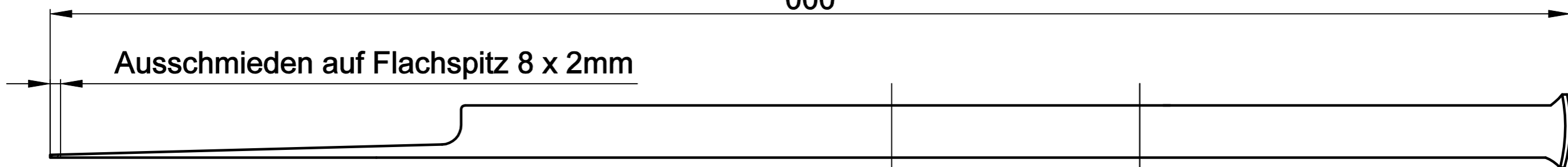
Stabende freiformstauchen

M1:x	Übungszeichnung ohne Bemaßung	Projektionsmethode 1  Freiformschmiedetol. ± 2 mm



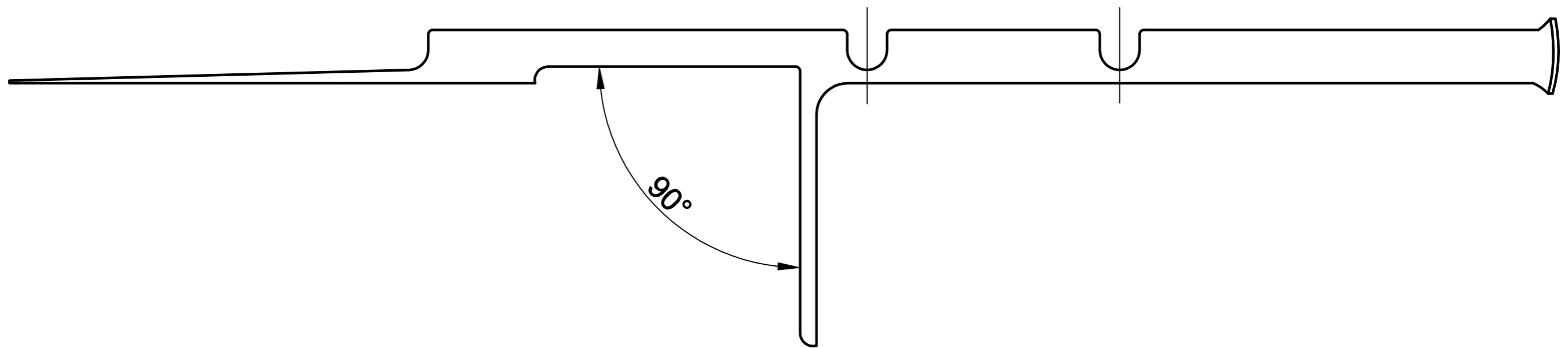
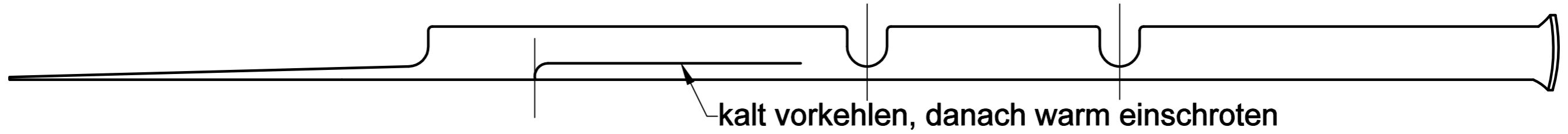
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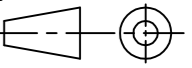
Ausschmieden auf Flachspitz 8 x 2mm

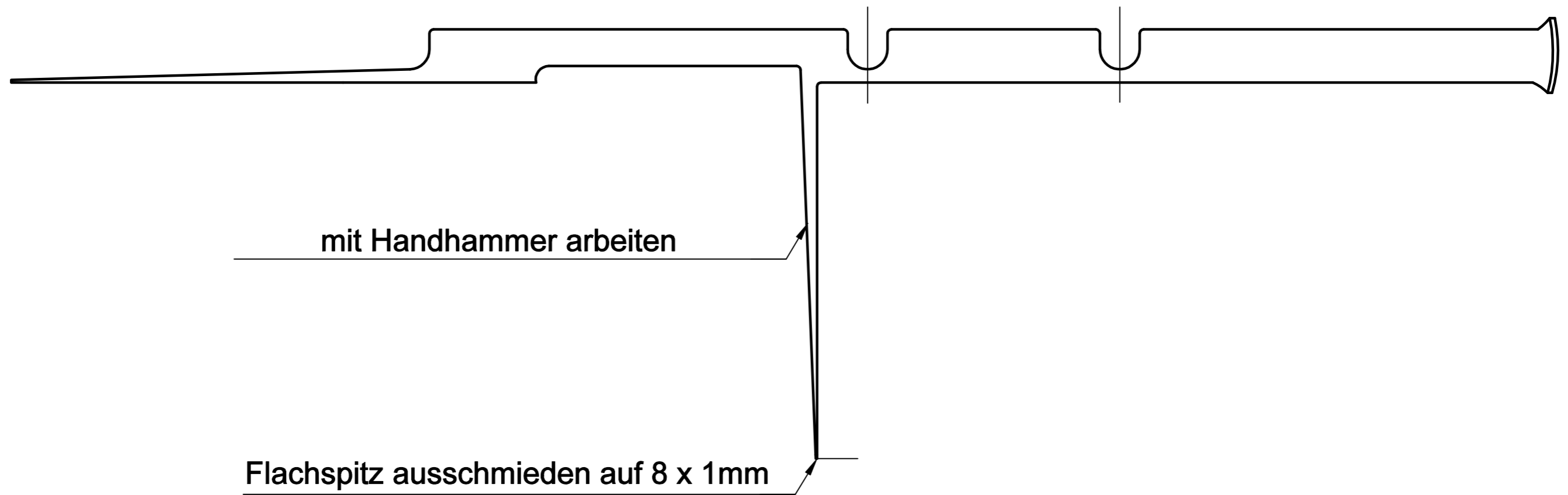


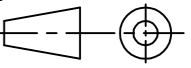
Ausschweifungen stehen lassen

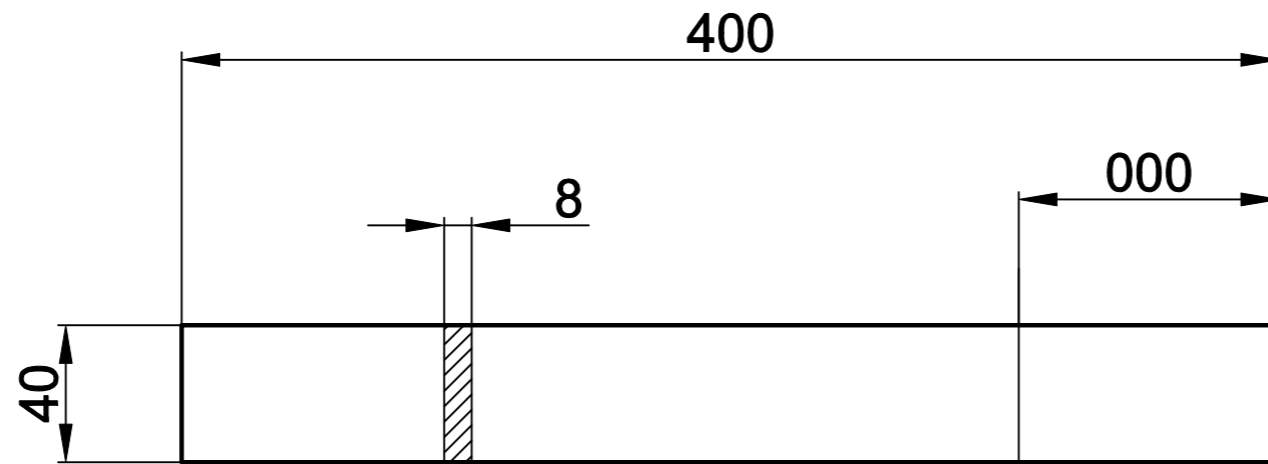
M1:x	<b>Bauteil 1</b> <b>Schritt 2</b>	Projektionsmethode 1 
		Freiformschmiedetol. ± 2 mm



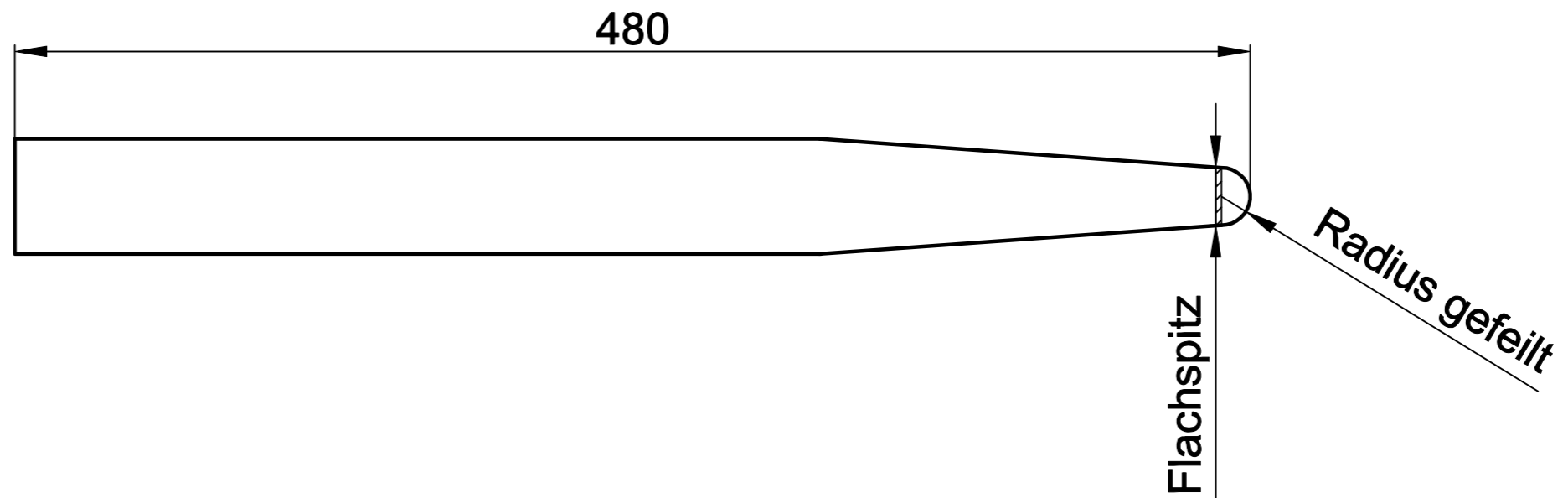
M1:x	Bauteil 1 Schritt 3	Projektionsmethode 1  Freiformschmiedetol. $\pm 2 \text{ mm}$



M1:x	Bauteil 1 Schritt 4	Projektionsmethode 1  Freiformschmiedetol. $\pm 2 \text{ mm}$

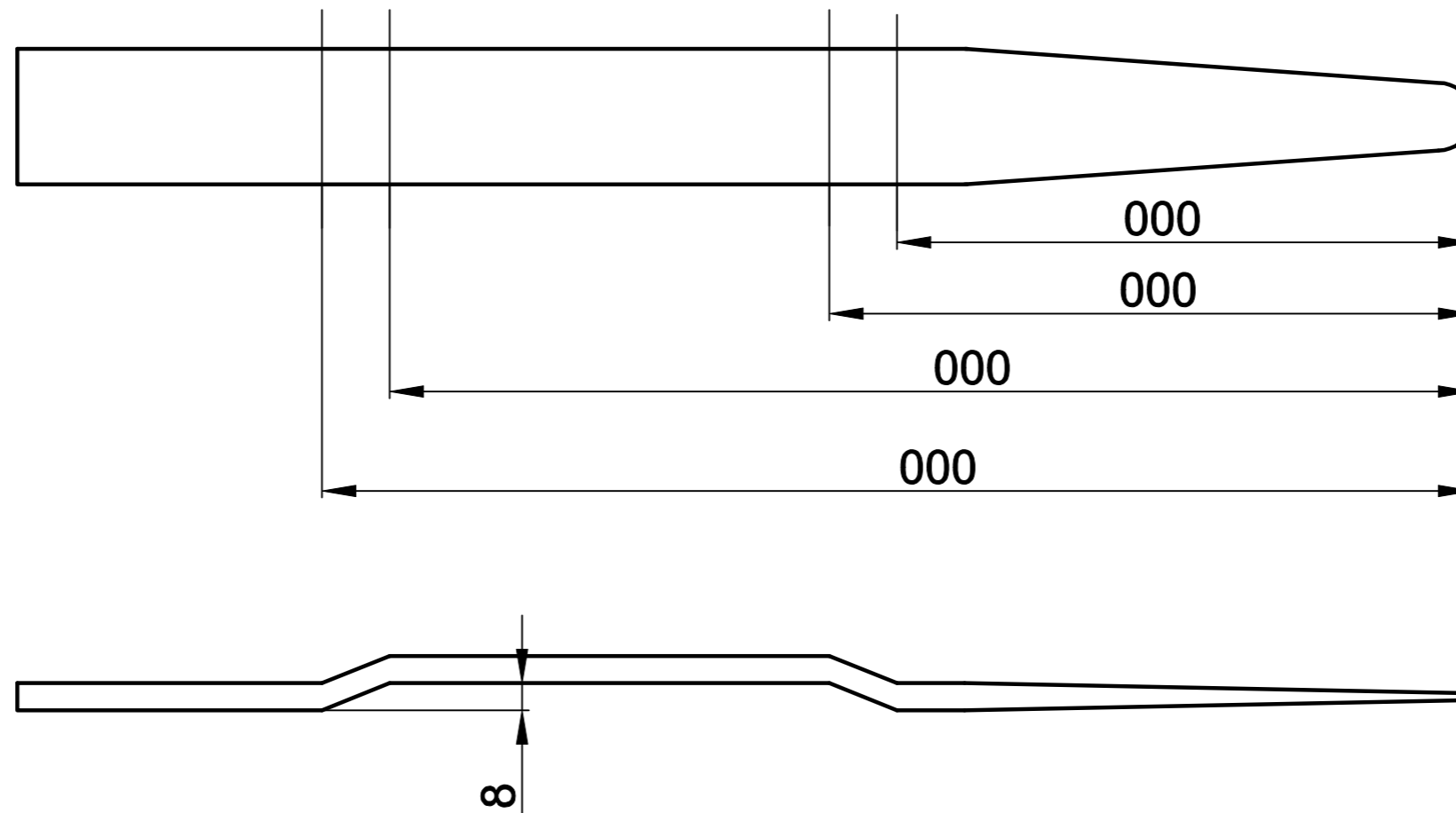


Markierung zum Ausschmieden



M1:x	Bauteil 2 Schritt 1	Projektionsmethode 1 
		Freiformschmiedetol. $\pm 2 \text{ mm}$

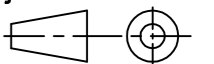
# Absetzkanten



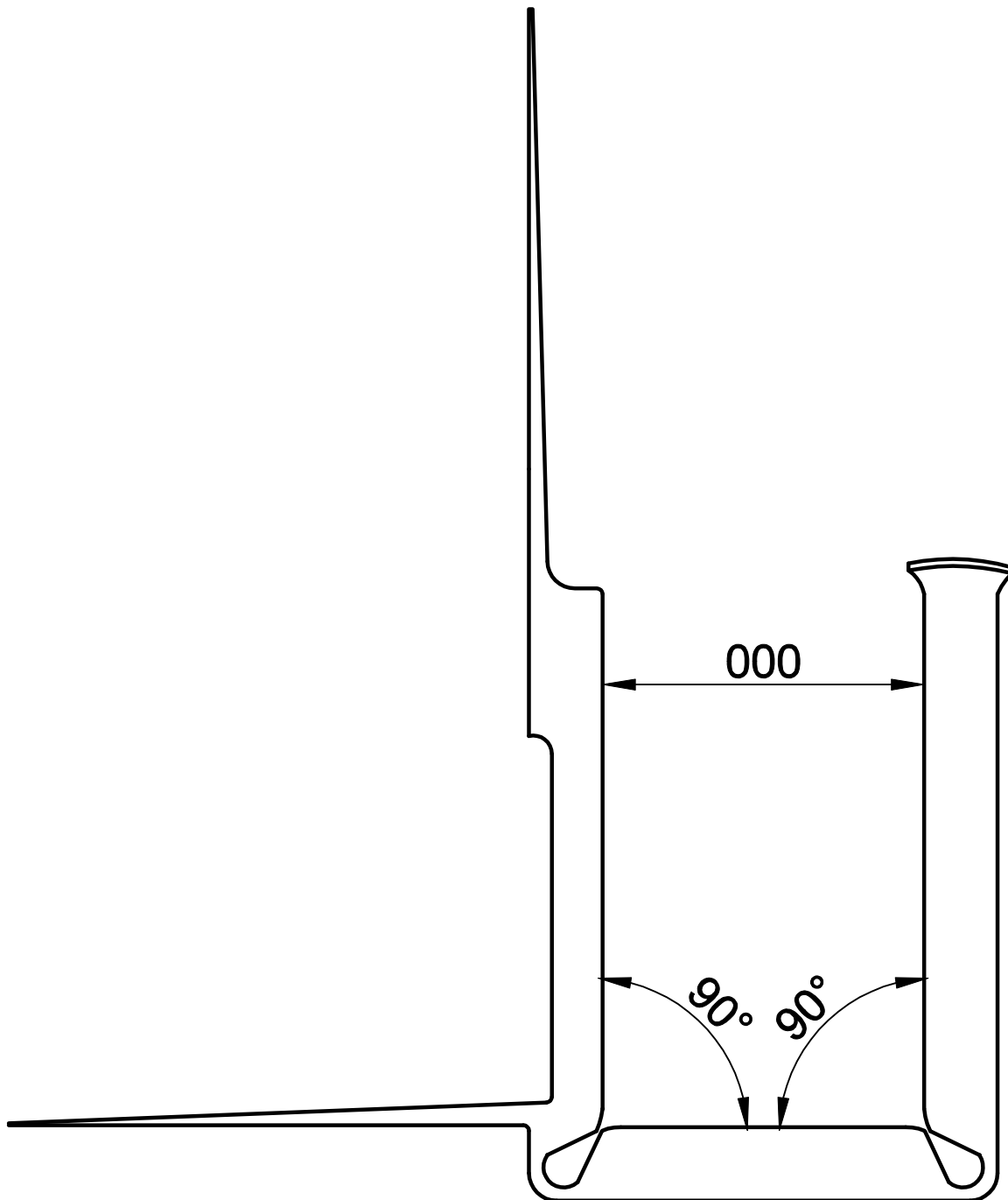
M1:x

**Bauteil 1**  
**Schritt 2**

Projektionsmethode 1



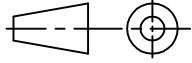
Freiformschmiedetol.  
± 2 mm



M1:x

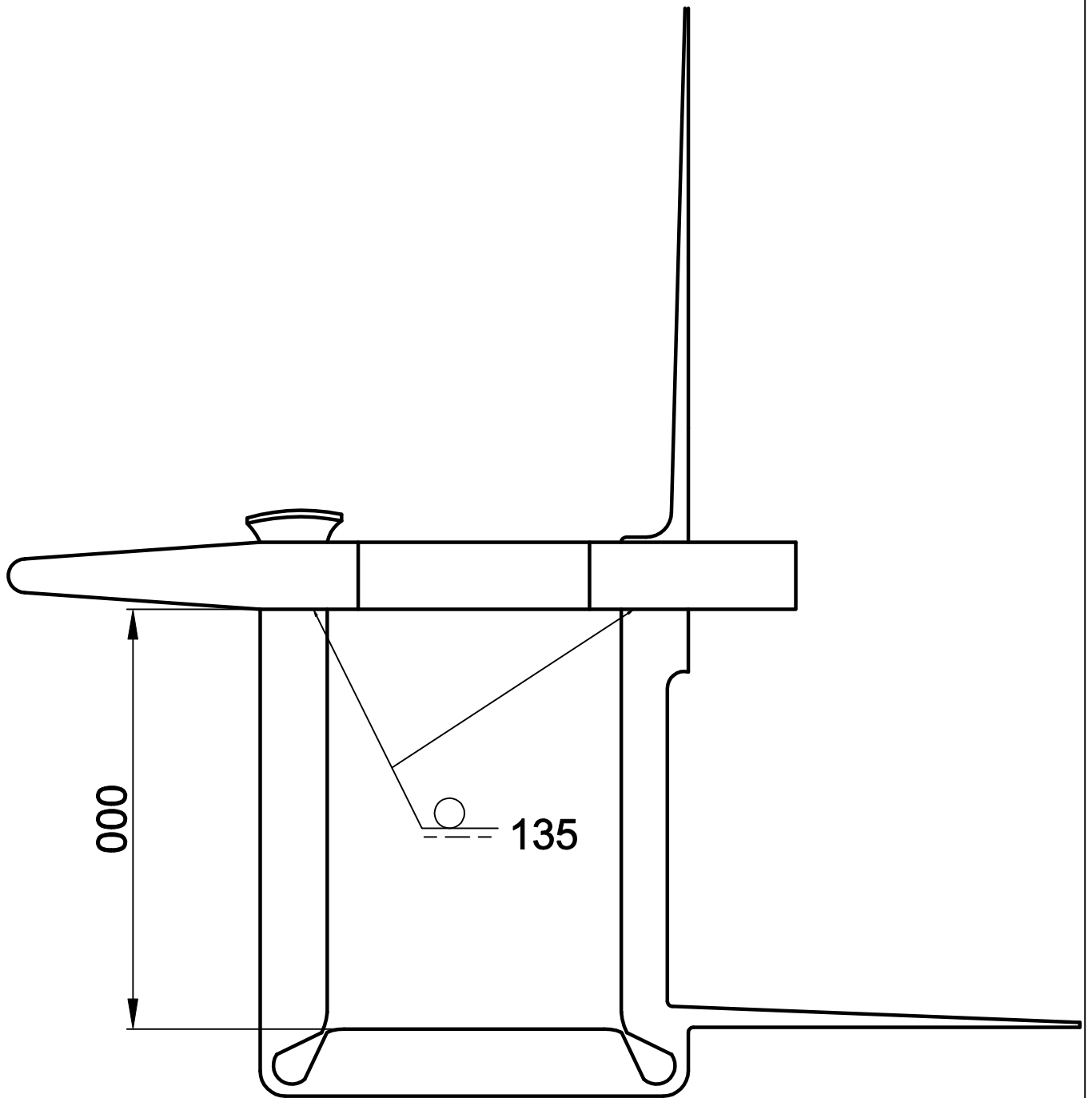
**Bauteil 1**  
**Schritt 5 biegen**

Projektionsmethode 1



Freiformschmiedetol.  
± 2 mm

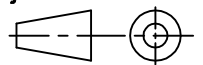




M1:x

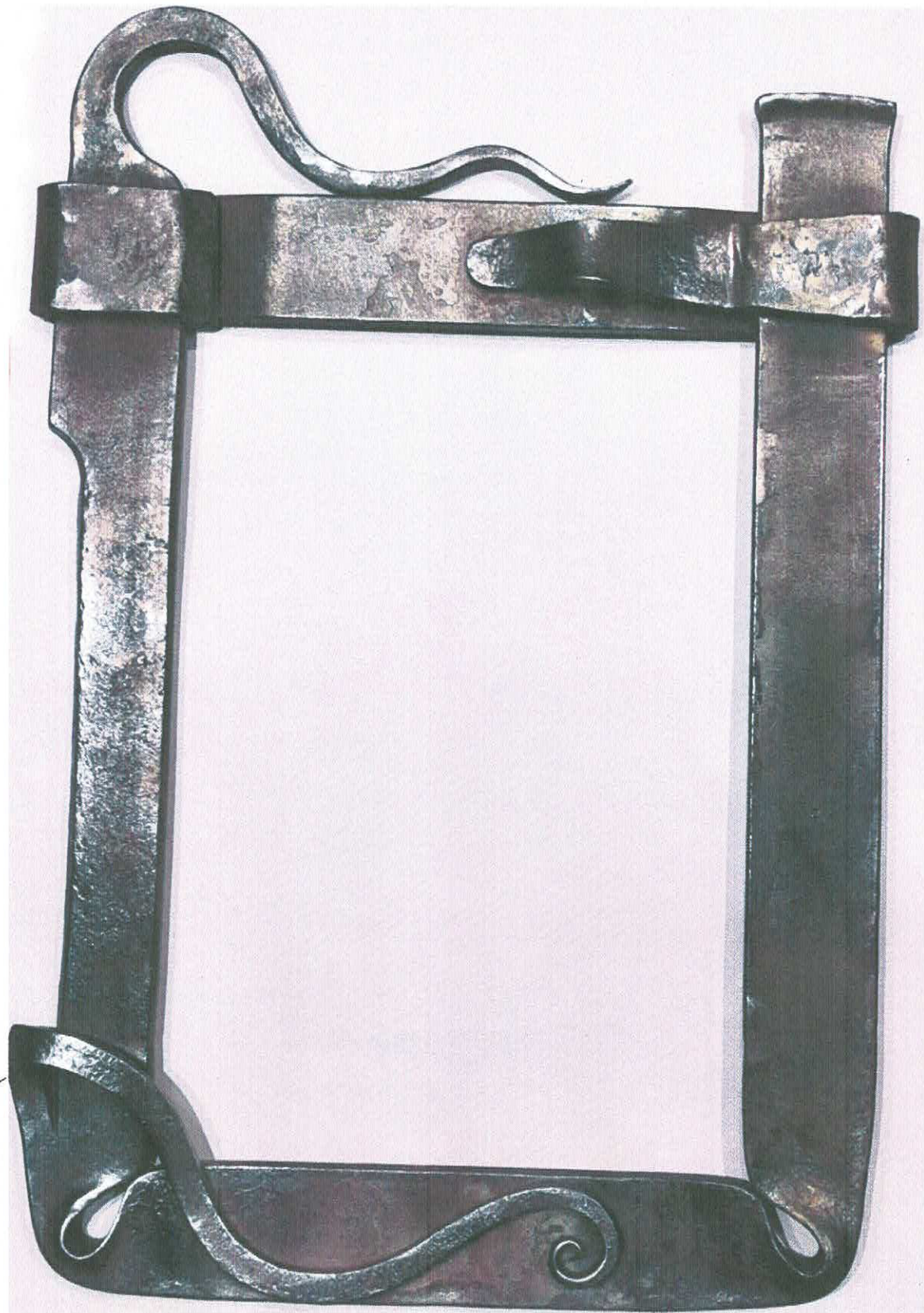
**Bauteil 1+2**  
**Schritt 1 fügen**

Projektionsmethode 1



Freiformschmiedetol.  
 $\pm 2 \text{ mm}$

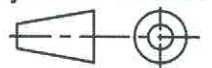
Thermisch fügen durch MAG-Schweißnaht (200A)



M1:x

**Bauteil 1+2**  
**Schritt freiformbiegen**

Projektionsmethode 1



Freiformschmiedetol.  
 $\pm 2 \text{ mm}$

Biegen der Bauteile lt. Muster oder eigenen Vorstellungen